

# **DECORATIVE SHADE FOR A VIDEO DISPLAY**

## **BACKGROUND OF THE INVENTION**

### **1. Field of the Invention**

The invention relates to a decorative shade for a video display, and particularly to a decorative shade for a video display, which has artistic features to decorate the video display.

### **2. Description of Related Art**

Video displays are common in households and include computer monitors, televisions and video game monitors. However, the appearance of a computer monitor or a television not in use is a monotonous frame and a dark, blank screen. Therefore, the video display does not have any decorative features when the video display is not used. With video display trends tending toward thin, very large video displays, large-size plasma televisions and liquid crystal displays (LCD) over 40-inches in size have been created and are becoming common. As such, video displays are becoming a larger visual proportion for interior decoration, and the monotonous appearance of video displays is a drawback that most consumers have no choice but to accept.

Additionally, the plasma televisions and the liquid crystal displays are often suspended at high places so they are not easily cleaned. Furthermore, screens on liquid crystal displays are soft and easily damaged. Therefore, a protective, dust-proof device must be used with large-size or pliable video displays such as plasma televisions or liquid crystal displays, respectively.

1           The present invention has arisen to provide a decorative shade for a  
2 video display to provide dust-proof protection and artistic features at the  
3 same time.

#### 4 SUMMARY OF THE INVENTION

5           A first objective of the present invention is to provide a decorative  
6 shade for a video display, which has artistic features to decorate the video  
7 display.

8           A second objective of the present invention is to provide a decorative  
9 shade for a video display that provides dust-proof protection for the video  
10 display.

11           Further benefits and advantages of the present invention will become  
12 apparent after a careful reading of the detailed description in accordance with  
13 the drawings.

#### 14 BRIEF DESCRIPTION OF THE DRAWINGS

15           Fig. 1 is an exploded perspective view of a first embodiment of a  
16 decorative shade for a video display in accordance with the present invention;

17           Fig. 2 is a side plan view in partial section of the decorative shade in  
18 Fig. 1 mounted on a video display;

19           Fig. 3 is an operational perspective view of the decorative shade in  
20 Fig. 1 mounted on a liquid crystal display;

21           Fig. 4 is an exploded perspective view of a second embodiment of  
22 the decorative shade in accordance with the present invention with a blind  
23 that moves transversally;

24           Fig. 5 is a side plane view in partial section of a third embodiment of

1 the decorative shade in accordance with the present invention, wherein the  
2 shade is formed integrally with the video display case;

3 Fig. 6 is a perspective view of the third embodiment of the  
4 decorative shade formed on a liquid crystal display;

5 Fig. 7 is an operational perspective view of the third embodiment of  
6 the decorative shade with the blind retracted; and

7 Fig. 8 is a perspective view of a living room with a video display that  
8 has a decorative shade.

### 9 DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

10 A decorative shade for a video display with a screen comprises a  
11 window with an opening to mount to the video display, a rolling device  
12 mounted inside the window, and a blind mounted on the roller. The window  
13 is either detachably mounted on the video display or integrally formed on the  
14 video display.

15 With reference to Figs. 1 and 2, a first embodiment of the decorative  
16 shade in accordance with the present invention comprises a window (10), a  
17 rolling device (20), and a blind (30).

18 The window (10) is a rectangular frame and has a front face (not  
19 numbered), a rear face (not numbered), a rectangular opening (12) and a  
20 flange (14). The front face of the window (10) has specific patterns or  
21 embossments to make the window (10) look like a frame for a painting. The  
22 front and rear faces have a common outer edge, and the flange (14) is formed  
23 around and extending from the outer edge of the rear face and has a top inner  
24 face (not numbered), a bottom inner face (not numbered), two inner side-

1 faces (not numbered), two roller brackets (16) and two optional rails (18).  
2 When the window (10) is mounted on the video display (40), the opening (12)  
3 aligns with the screen (42). The top inner face has two ends (not numbered).  
4 The roller brackets (16) are mounted respectively at opposite ends of the top  
5 inner face. Each end bracket (16) has a hole that aligns with the hole in the  
6 other roller bracket (16). The rails (18) are mounted respectively on the two  
7 inner side-faces and guide the blind (30) when the blind (30) moves.

8         The rolling device (20) comprises a roller (22) and a driver (24). The  
9 roller (22) has two ends respectively penetrating the holes in the roller  
10 brackets (16). Thereby, the roller (22) is suspended at the top inner face of  
11 the window (10). The driver (24) is attached to one end to rotate the roller  
12 (22). The driver (24) may be either electrically or manually driven.  
13 Preferably, the driver (24) is electrically driven by a remote control.

14         The blind (30) wound on the roller (22) has an attached end (not  
15 numbered), a free end (not numbered), two side edges (not numbered), a  
16 weighted rod (32) and an outer surface (not numbered). The attached end is  
17 attached to the roller (22), and the free end is wound on or off the roller (22)  
18 to uncover or cover the opening (12) of the window (10). Because the roller  
19 (22) is rotated clockwise or counterclockwise by the driver (24), the blind  
20 (30) is wound off or onto the roller (22) to selectively cover or uncover the  
21 screen (42). The weighted rod (32) is attached to the free end and has two  
22 ends (not numbered). The ends of the weighted rod (32) extend respectively  
23 beyond the side edges of the blind (30) and are slidably mounted respectively  
24 in the rails (18). The weighted rod (32) pulls the blind (30) down and keeps

1 the blind (30) flat. The outer surface of the blind (30) has a picture facing the  
2 opening (12) so the window looks like a painting or a decorative picture  
3 when the blind (30) covers the screen (42).

4 With further reference to Fig. 3, the decorative shade is attached to a  
5 video display (40) by pressing the rectangular flange (14) around the video  
6 display (40). When the video display (40) needs to be used, the blind (30) is  
7 wound up by the rolling device (20) to reveal the screen (42). When the  
8 video display (40) is not being used, the blind (30) is unwound to cover and  
9 protect the screen (42). The blind (30) also keeps the video display (40) free  
10 from dust. The patterns on the front face of the blind (30) transform the  
11 decorative shade to a framed piece of artwork. Thereby, the decorative shade  
12 changes a simple covered video display (40) to a decorative picture.

13 With reference to Fig. 4, a second embodiment of the decorative  
14 shade in accordance with the present invention has a blind (30) that moves  
15 transversally inside the window (10). The rolling device (20) is mounted in  
16 one inner side-face of the flange (14). Since gravity will not pull the blind  
17 (30) over the video display, a closing device (35) is mounted the inner side-  
18 face of the flange (14) opposite to the rolling device (20). The closing device  
19 (35) has the same elements as the rolling device (20) including a roller (not  
20 numbered) and a driver (not numbered) plus two cords (352). The roller (22)  
21 has two ends (not numbered). The cords (352) are attached between the roller  
22 and the weighted rod (32) (or the blind cloth) respectively at the two ends to  
23 keep the blind (30) straight and flat. Preferably, the closing device (35) and  
24 the rolling device (20) are operated synchronously in the same rotating

1 direction to extend or retract the blind (30).

2 With reference to Figs. 5 to 7, a third embodiment of the decorative  
3 shade in accordance with the present invention has a flange (14') of the  
4 window (10') formed integrally with the video display. Other elements in the  
5 third embodiment are the same as those in the first and the second  
6 embodiments. Therefore, further description would be redundant and is not  
7 included.

8 With reference to Fig. 8, the window (10") of the decorative shade  
9 attached to a large-size plasma television not only protects and keeps dust off  
10 the plasma television but also changes the plasma television to a decorative  
11 picture.

12 Although the invention has been explained in relation to its preferred  
13 embodiment, many other possible modifications and variations can be made  
14 without departing from the spirit and scope of the invention as hereinafter  
15 claimed.